BookletChart

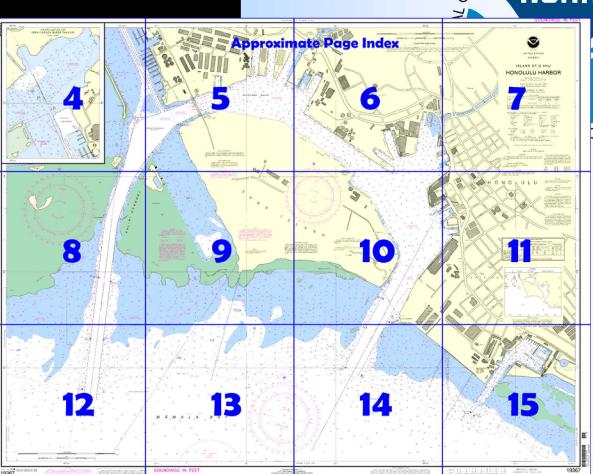
Honolulu Harbor

(NOAA Chart 19367)

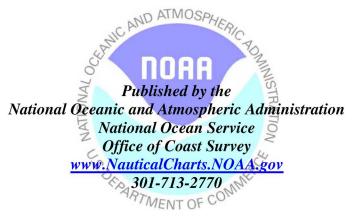


A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ☑ Complete, reduced scale nautical chart
- ✓ Print at home for free
- ☑ Up to date with all Notices to Mariners
- ☑ United States Coast Pilot excerpts
- CHAND ATMOSPHER ✓ Compiled by NOAA, the nation's chartmaker.



Home Edition (not for sale)



What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart $\stackrel{\text{\tiny TM}}{=}$?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 7, Chapter 14 excerpts] (553) Honolulu Harbor is 5 miles NW of Diamond Head and midway along the S coast of O'ahu; the harbor is protected from all winds and is usually free of surge. (554) Honolulu Harbor Entrance Light (21°17.7'N., 157°52.1'W.), 95 feet above the water, is shown from a white post on the SE point of the entrance channel. The flashing green light can be easily identified against the background of Honolulu lights.

(557) **Caution**–Vessels approaching the harbor from the W at night should not mistake the lights between Pearl Harbor and Honolulu for the lights of Honolulu, or the lighted buoys off

Kalihi Channel for the lighted buoys off the main entrance. Vessels have mistaken these lights and gone aground off Keehi Lagoon. From the E the lights N of Diamond Head should not be confused with those of Honolulu, or the lighted aids of Kewalo Basin with those of Honolulu

Harbor. Also from the E, vessels should not mistake the lights between Koko Head and Diamond Head for the lights of Waikiki Beach. Commercial and residential development of the coast along Maunalua Bay has resulted in an increase of background lighting. Vessels have mistaken Makapuu Point Light for Diamond Head Light and run aground on the reef W of Koko Head.

(559) A Federal project provides for a 45-foot Honolulu Entrance Channel from Mamala Bay 19369, 19362**Mamala Bay**, thence 40 feet in the main harbor basin. The project also provides for a 23-foot channel leading from seaward in Mamala Bay through Kalihi Channel on the W side of Sand Island to Kapalama Basin. The connecting channel between main harbor basin and Kapalama Basin has a 40-foot project depth with 40 feet in the Kapalama Basin.

(560) **Honolulu Entrance Channel** is marked by lights, buoys, and a **028**° lighted range. The rear light and marker of the range is sometimes obscured when large ships are moored at Berth 8. **Kalihi Channel** is marked by lights, buoys, and a **007**° lighted range.

(561) The John H. Slattery (Sand Island) highway bridge over the harbor end of Kalihi Channel has fixed spans with a clearance of 14 feet. (568) It is reported that a tidal current floods W and ebbs E along the coast between Makapuu Point and Honolulu. In the vicinity of Honolulu, an E counterflow along the edge of the reef is reported to accompany the W flood. Strong W currents have been reported off Honolulu. Currents setting toward all four quadrants and having velocities up to 1 knot have been noted about 3 miles SW of Diamond Head.

Tsunamis (seismic sea waves) Tsunami (seismic sea waves) (569) The size of a predicted tsunami cannot be estimated in advance. Most of them felt in Honolulu Harbor have been relatively small; the largest of record was 10 feet high, in 1960. However, it is prudent to anticipate that even greater ones may strike.

(570) Honolulu Harbor authorities require all ships to vacate the harbor prior to the estimated time of arrival of a sea wave if possible. If a long engine-warmup is necessary, it should be started at the first alert so the vessel may be ready to proceed in time.

(572) When ready to depart, each ship should obtain clearance from the harbormaster. The Aloha Tower, traffic control, can be contacted on VHF-FM channel 12, call sign WHX-528. The traffic controller will assign each vessel a departure time in accordance with harbor regulations, depending on vessel size, type, location in the harbor, and vessel type priority. Once a vessel has checked in with Aloha Tower traffic control, they are required to monitor VHF-FM channel 12 at all times.

(593) **Honolulu Coast Guard Base** is on the NE side of Sand Island. A Marine Safety Office maintains a **vessel documentation** office in Honolulu.

(594) Harbor regulations are established by the Harbors Division, Hawaii Department of Transportation, and are enforced by the harbormaster. Prior to entry, all vessels must establish communications with Aloha Tower traffic control on VHF-FM channels 12 or 16; call sign, WHX-528. The phone number for Aloha Tower is (808) 587-2076. **Traffic control** in Honolulu is controlled by amber lights on the tower at night. The lower light, showing fixed, is 143 feet above the water; the upper flashing light is 152 feet above the water. The lights are visible 5 miles from 320° to 062°; flashing light on, incoming traffic only; fixed light on, outgoing traffic only; both lights on or no lights showing, harbor closed to all traffic. To pass visual messages, contact Pearl Harbor Navy Signal Tower, call H-1.

(595) The **speed limit** in Honolulu Harbor is 5 knots for all vessels and tows and 10 knots for motorboats, and other small craft. (596) A flashing amber warning light, privately maintained and shown about 22 feet above the water from a pole about 70 yards SSW of Pier 38,

is activated when there is a gas leak or the likelihood thereof. Anyone observing the light flashing should remain well clear and upwind, and sources of ignition should be secured.

Corrected through NM Apr. 26/08 Corrected through LNM Apr. 22/08

HEIGHTS

Heights in feet above Mean High Water.

NOTE B

Mariners are cautioned not to anchor within 600 yards of sewer line.

SUBMARINE PIPELINES AND CABLES

Boulders reported in this area with reported

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOAA WEATHER RADIO BROADCASTS

NOAA WEATHER HADIO BHOADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

O'ahu	KBA-99	162.55 MHz
Hawai'i	KBA-99	162.55 MHz
Maui	KBA-99	162.40 MHz
Kaua'i	KBA-99	162.40 MHz

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CALITION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

Mercator Projection Scale 1:5,000 at Lat. 21°18'

World Geodetic System 1984 (North American Datum of 1983)

SOUNDINGS IN FEET AT MEAN LOWER LOW WATER

ARTICULATED AIDS

An articulated aid to navigation consists of a pipe structure that oscillates around a universal coupling connected to a sinker. The structure is kept upright by the buoyancy of a submerged flotation chamber. It is designed primarily to mark narrow channels in depths of up to 60 feet. All articulated aids are labelled "Art".

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.

CAUTION

Limitations on the use of radio signals as Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus:

()(Accurate location) o(Approximate location)

Table of Selected Chart Notes

The horizontal reference datum of this chart is World Geodelic System 1984 (WGS 84), which for charring purposes is considered equivalent to the North American Datum of 1983 (NAD 83). Geographic positions referred to the Old Hawaiian Datum must be corrected an average of 1.1386 southward and 9.872° eastward to agree with this chart.

NOTE A

NOTE A

Navigation regulations are published in Chapter 2, U.S.
Coast Pliot 7. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the
regulations may be obtained at the Office of the Commander,
14th Coast Guard District in Honolulu, Hawaii or at the
Office of the District Engineer, Corps of Engineers in
Honolulu. Hawaii

Refer to charted regulation section numbers.

CAUTION

Mariners are urged to exercise extreme caution when transiting inshore waters due to changes caused by the hurricane of November 1982.

Additional information can be obtained at nauticalcharts.noaa.gov

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, U.S. Coast Guard, and U.S. Navy.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LMM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

TIDAL INFORMATION

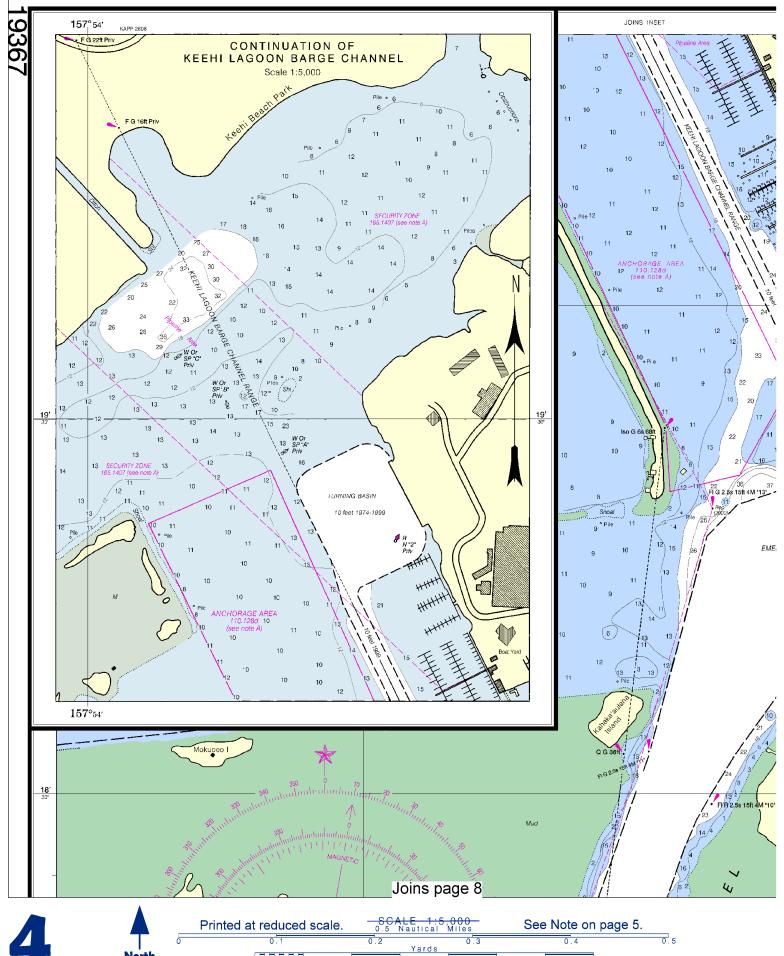
	TIBY CLINE CHIRD (T)	011					
PLA	CE	Height referred to datum of soundings (MLLW)					
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water			
		feet	feet	feet			
Honolulu	(21°18'N/157°52'W)	1.9	1.4	0.2			
Dashes () located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov.							
(Apr 2008)							

ABBREVIATIONS (For			ons, see Chart No. 1.)	
Aids to Navigation (lights	are write unless of	nerwise indicated):		
AERO aeronautical	G green		Mo morse code	R TR radio tower
Al alternating	IQ interru	oted quick	N nun	Rot rotating
B black	Iso isophi	ase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse		Oc occulting	SEC sector
C can	M nautical mile		Or orange	St M statute miles
DIA diaphone	m minute	s	Q quick	VQ very quick
F fixed	MICRO TR microwave tower Mkr marker		R red	W white
FI flashing			Ra Ref radar reflector	WHIS whistle
			R Bn radiobeacon	Y yellow
Bottom characteristics:				
Blds boulders	Co coral	gy gray	Ovs ovsters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky
Miscellaneous:				
AUTH authorized	Obstn o	obstruction	PD position doubtful	Subm submerged
ED existence doub	otful PA pos	ition approximate	Rep reported	
		swept clear to the with heights in feet a	depth indicated. bove datum of soundings	i.

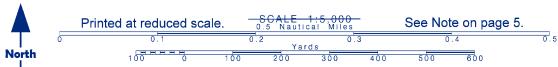
PRINT-ON-DEMAND CHARTS

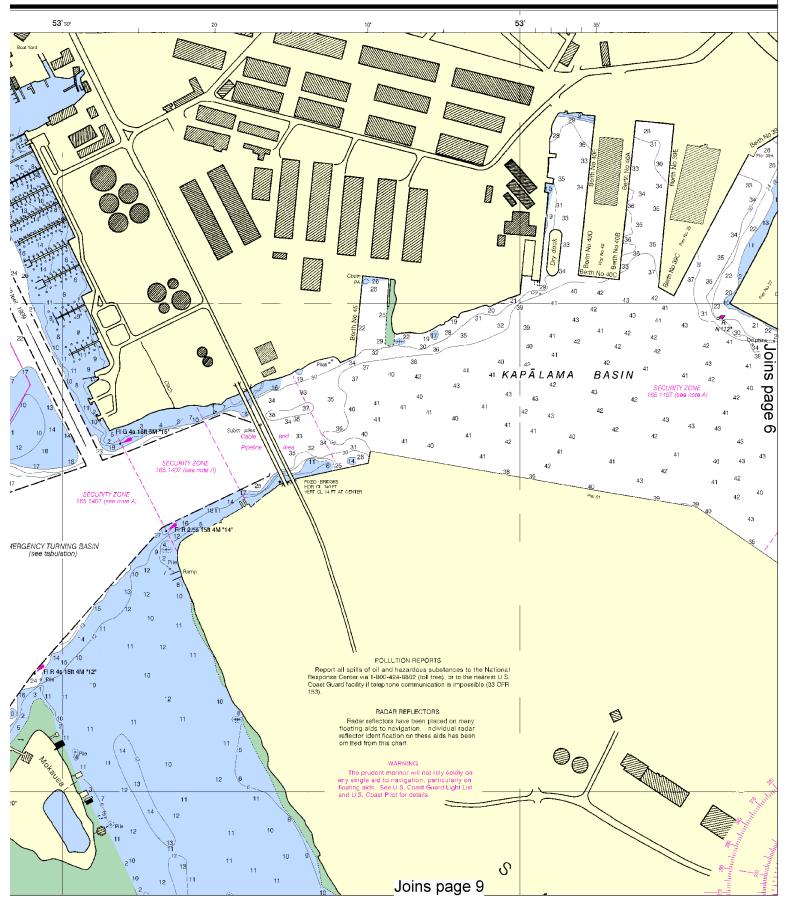
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

/	HONOLULU HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2007									
	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS				
_	NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)	1
′,	HONOLULU CHANNEL RANGE KALIHI CHANNEL ENTRANCE EMERGENCY TURNING BASIN	39.0 34.0 28.0	43.0 33.0 34.0	45.0 33.0 34.0	A43.0 B14.0 27.0	6-07 2-99 2,3-99	500 400 400-960	0.53 1.2 0.5	45 23 35	
	A. SHOJJING TO 23 FEET AT 211740/37N 1575215.57W (409). B. LOCATED ON THE CHANNEL EDGE. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION									

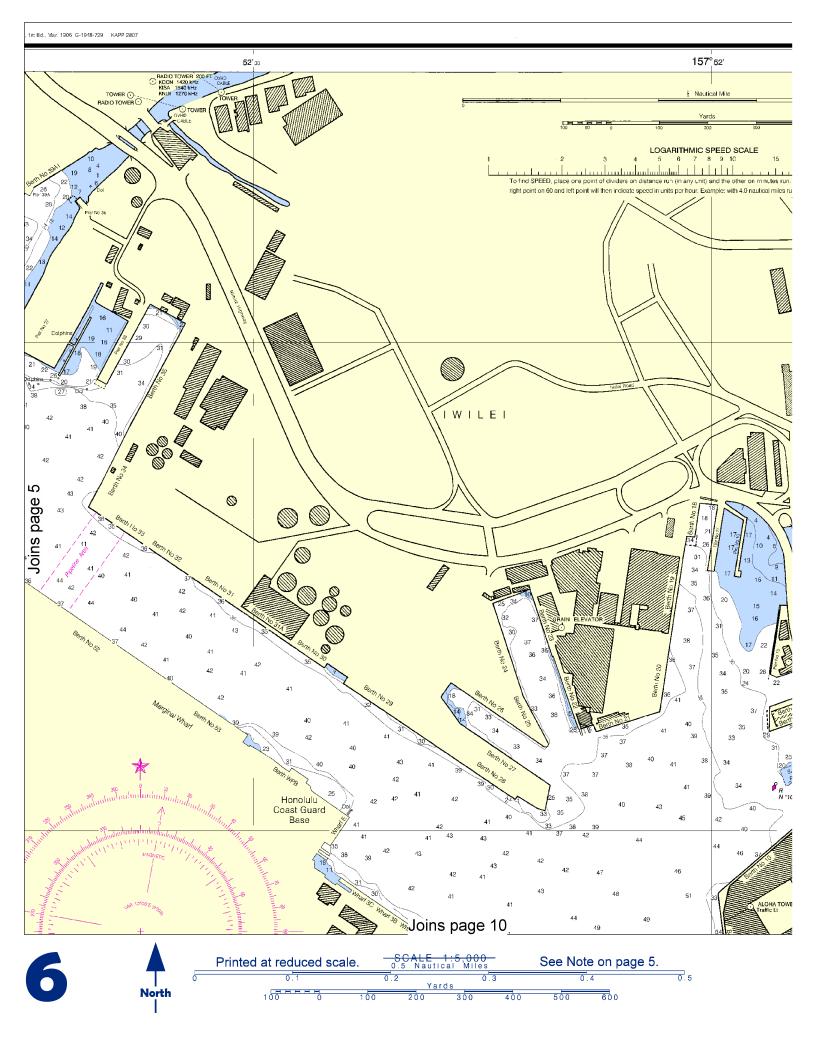


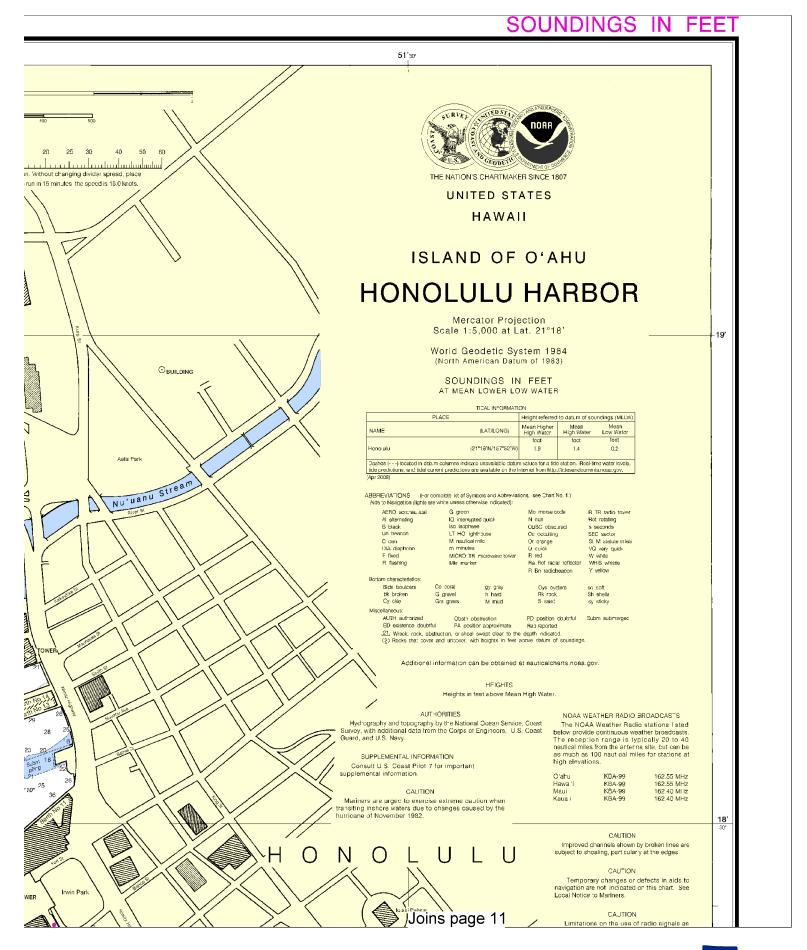




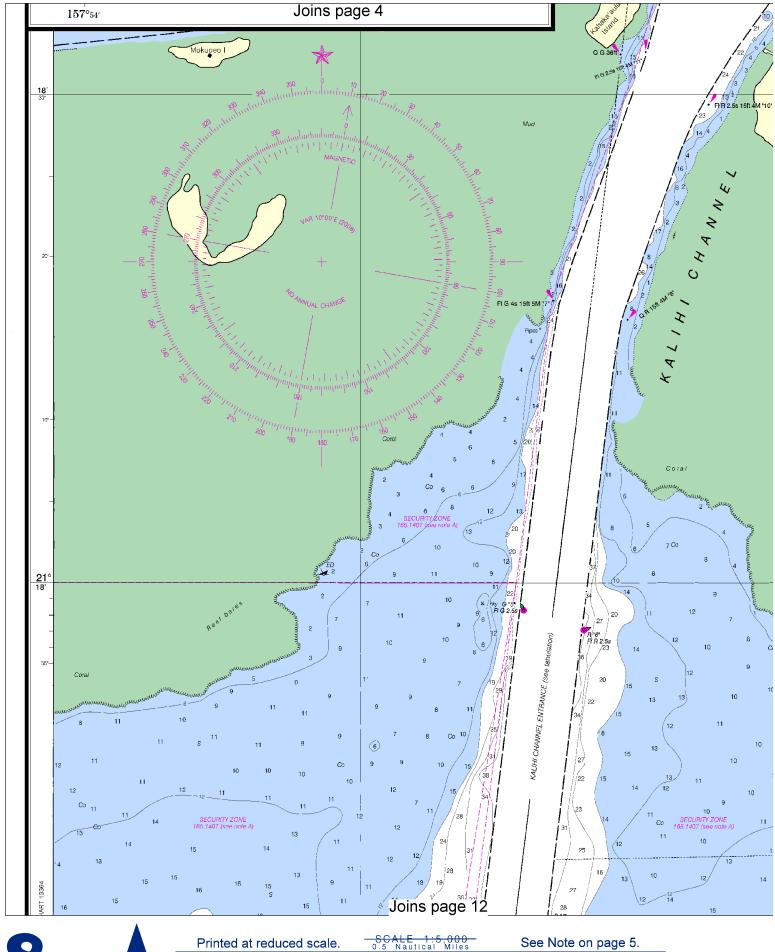


This BookletChart was reduced to 70% of the original chart scale. The new scale is 1:7143. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.



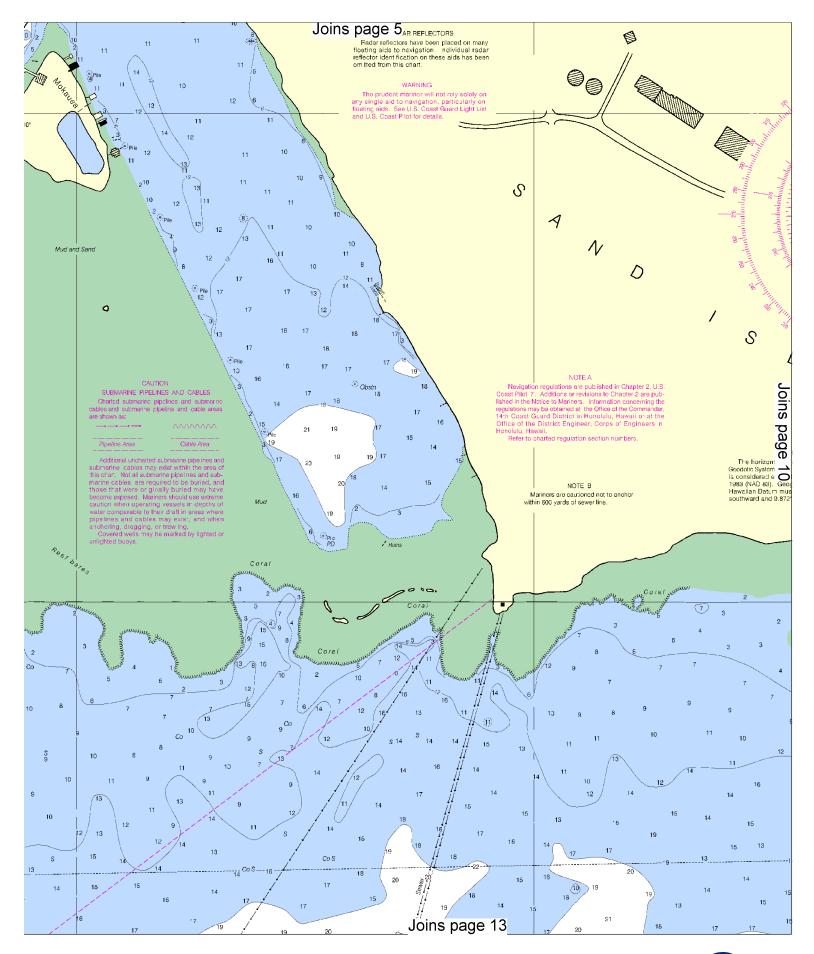




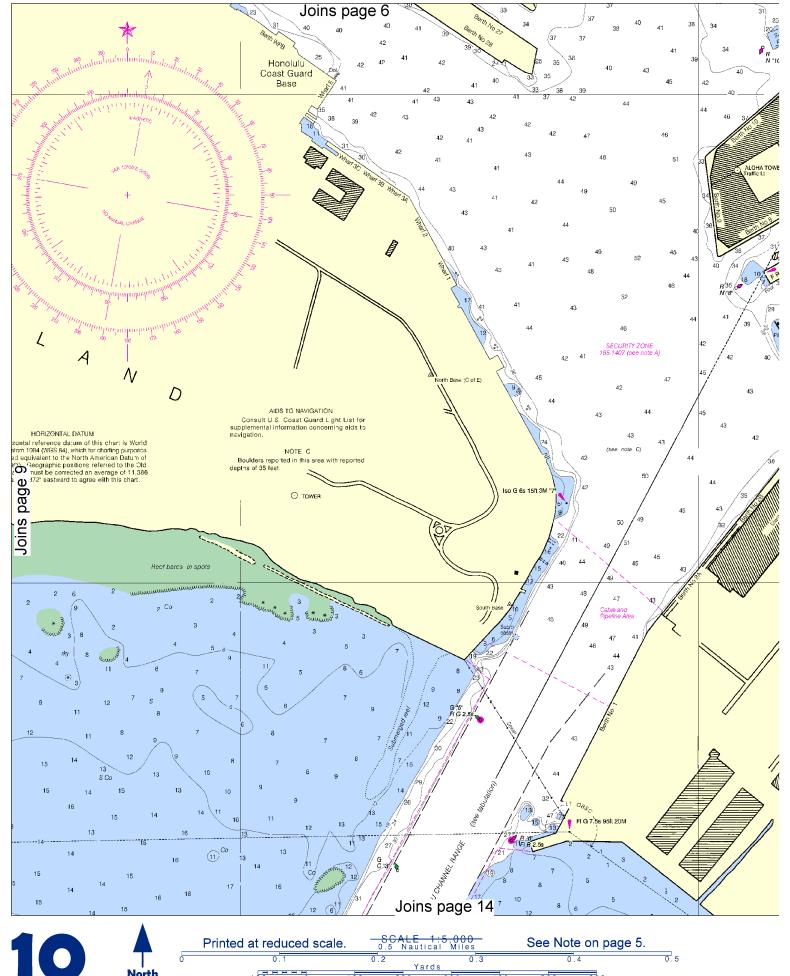




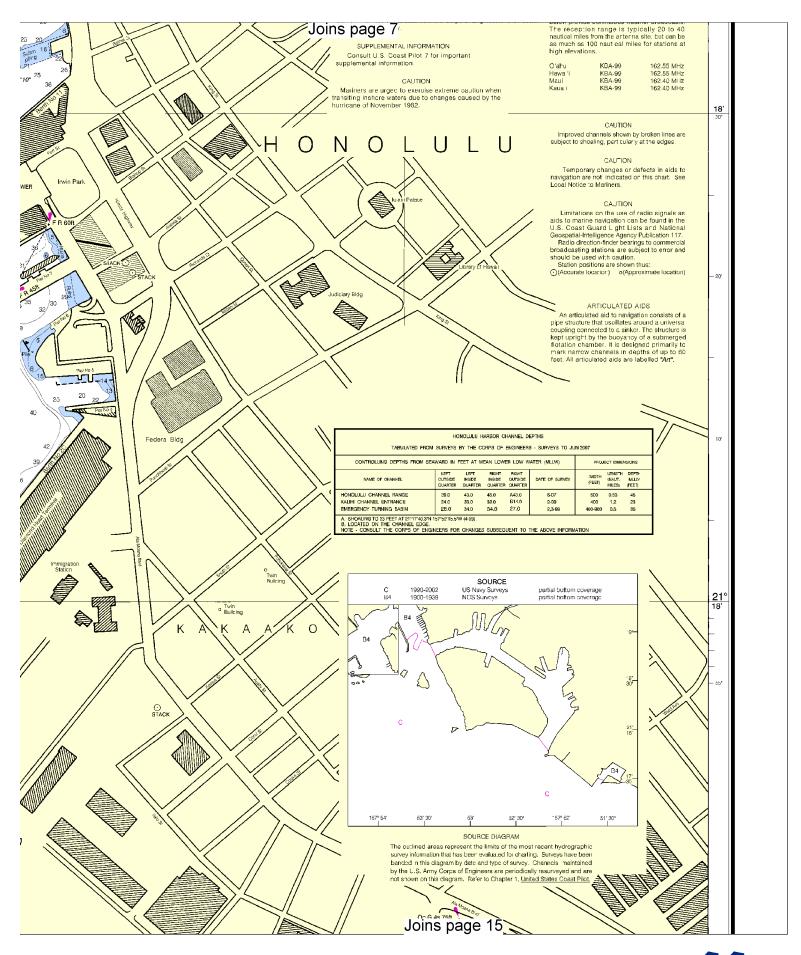


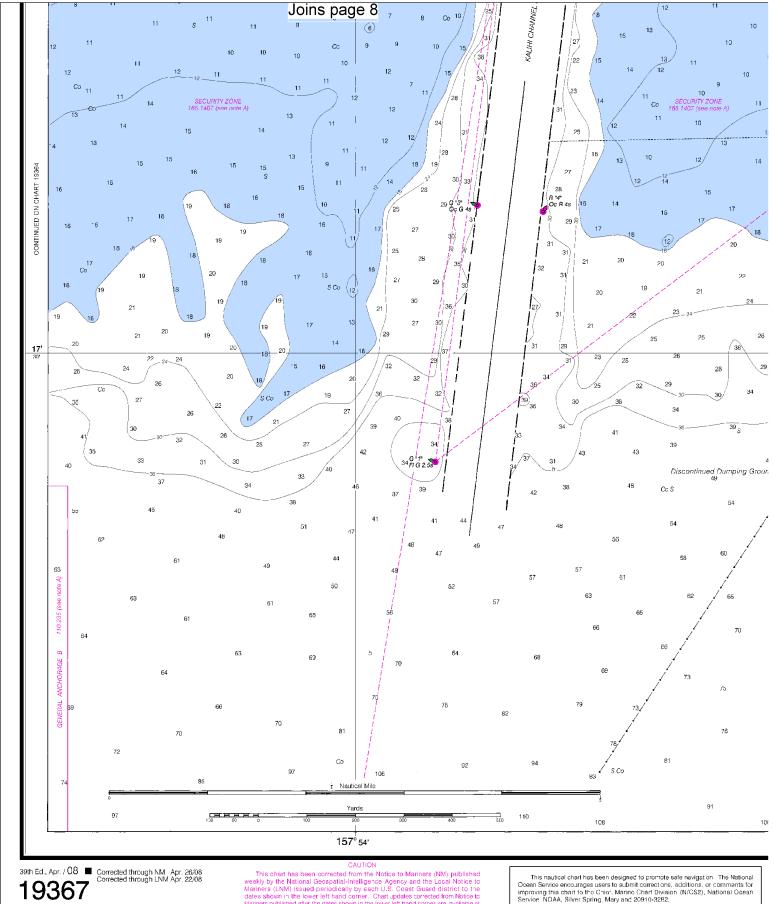








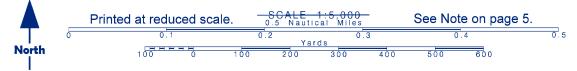


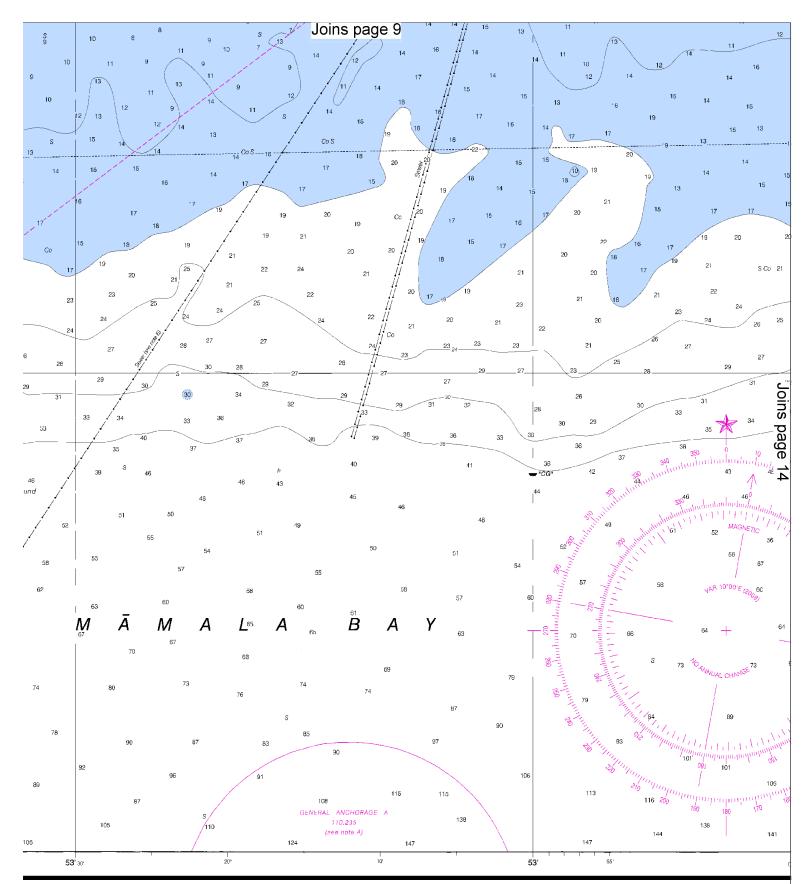


weekly by the National Geospatial-intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand comer. Chart updates corrected from Notice to

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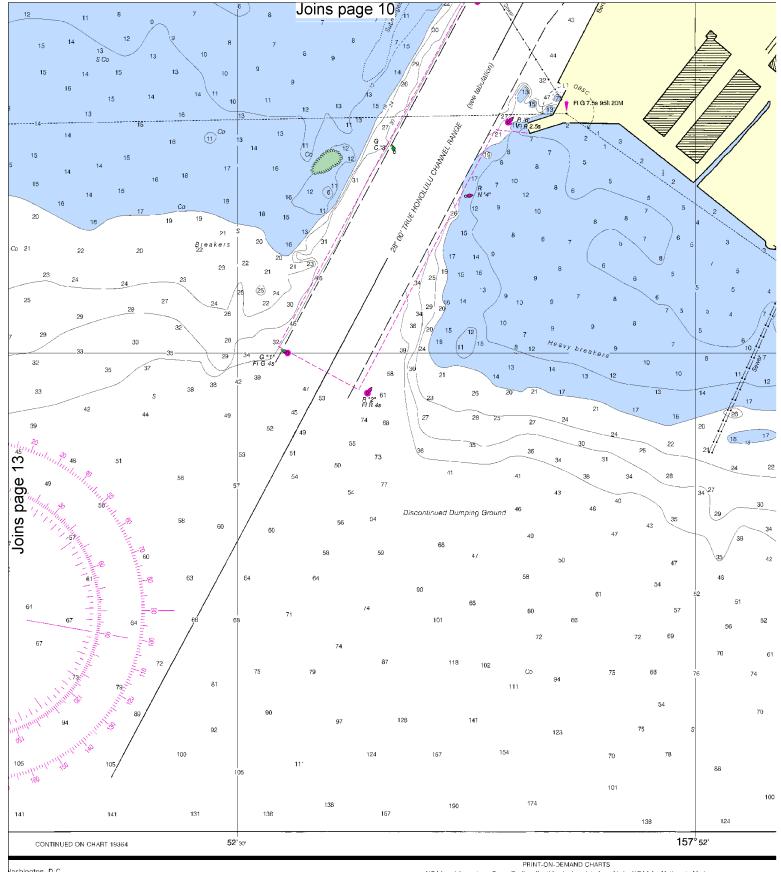






SOUNDINGS IN FEET

Published at Washingto U.S. DEPARTMENT OF C NATIONAL OCEANIC AND ATMOSPHE NATIONAL OCEAN SE COAST SURVEY

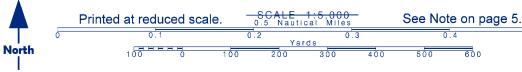


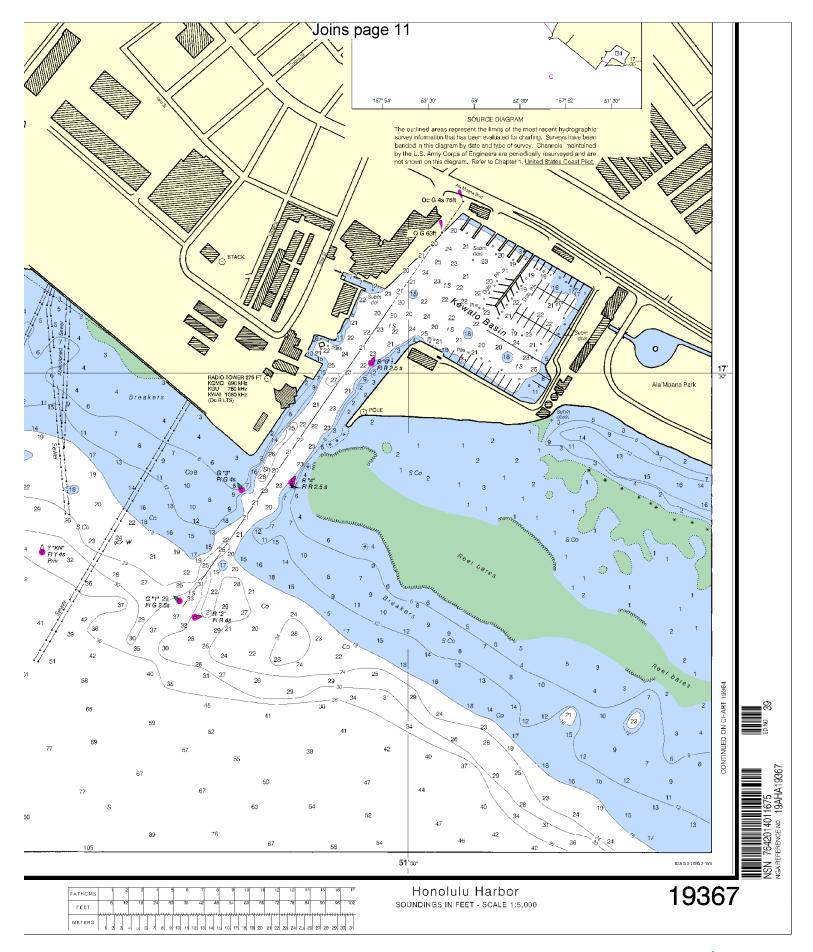
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EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls

to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

- 1. Make sure radio is on.
- 2. Select Channel 16.
- 3. Press/Hold the transmit button.
- 4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- 6. Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!!

Mobile Phones – Call 911 for water rescue.

Coast Guard Search & Rescue – 510-437-3700 Coast Guard Search & Rescue – 808-541-2500

<u>NOAA Weather Radio</u> – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



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Official Electronic Navigational Charts (NOAA ENCs®) -

ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNCs[™]) –

RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts[™] – BookletCharts[™] are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketChartsTM – PocketChartsTM are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.Noa.gov, <a href="